AMENDMENT TO THE CLAIMS

The following listing of the claims replaces all previous versions of the claims.

1. (currently amended) A method for bending a preformed thermoplastic polymer extrusion comprising at least one cavity to make a curved polymer extrusion, the method comprising:

providing said preformed thermoplastic polymer extrusion comprising vinyl polymer;

filling at least one said cavity with polymer foam formed within said cavity;

curing said polymer foam within said at least one cavity;

heating said extrusion to a first temperature;

bending said heated extrusion on a curved mandrill;

cooling said extrusion to a second temperature on said mandrill to make a curved polymer extrusion; and

removing said cooled curved polymer extrusion from said mandrill.

2. (original) The method of claim 1 wherein said polymer foam is polyisocyanate-based.

3. (original) The method of claim 2 wherein said polymer foam is polyurethane foam.

4. (currently amended) The method of claim 3 wherein said polyurethane foam is rigid closed-cell foam, semi-rigid closed-cell/open-cell foam ~~and~~or flexible open-cell foam.

5. (original) The method of claim 1 wherein said first temperature is the heat deflection temperature of the preformed polymer extrusion.

6. (original) The method of claim 1 wherein said second temperature is at least about 10 degrees Celsius less than the heat deflection temperature of the preformed polymer extrusion.

7. (original) The method of claim 1 wherein said polymer foam has a density of about 16 kg per cubic meter to about 320 kg per cubic meter.

8. (original) The method of claim 1 wherein said extrusion is heated to said first temperature in a glycol bath.

9. (withdrawn) The method of claim 1 wherein said extrusion is heated to said first temperature by infrared radiation.

10. (withdrawn) The method of claim 1 wherein said extrusion is heated to said first temperature by heated air.

11. (original) The method of claim 1 wherein said preformed extrusion comprises a vinyl polymer.

12. (original) The method of claim 1 wherein each said cavity is filled with foam by injection from a mixing heat of a plurality of ingredients comprising polyisocyanate, at least one active hydrogen-containing compound, and a blowing agent.

13. (withdrawn) The method of claim 1 wherein each said cavity is filled with foam by hand pouring into each said cavity a plurality of ingredients comprising polyisocyanate, at least one active hydrogen-containing compound, and a blowing agent.

14. (currently amended) A method for bending a preformed vinyl extrusion comprising at least one cavity to make a curved vinyl extrusion, the method comprising:

providing said preformed vinyl extrusion comprising vinyl polymer thermoplastic;

filling at least one said cavity with polyurethane foam formed within said cavity;

curing said polyurethane foam within said at least one cavity;

heating said extrusion to about 70 degrees Celsius;

bending said heated extrusion on a curved mandrill;

cooling said extrusion to a temperature less than about 60 degrees Celsius on said mandrill to make a curved polymer extrusion; and

removing said cooled curved polymer extrusion from said mandrill.

15. (original) The method of claim 14 wherein said extrusion is heated by immersion in a glycol bath maintained at about 70 degrees Celsius.

16. (withdrawn) The method of claim 14 wherein said extrusion is heated by infrared radiation.

17. (withdrawn) The method of claim 16 wherein said cured polyurethane foam has a density of about 320 kg per cubic meter.

18-20. (cancelled).

21. (new) A method for bending a preformed vinyl polymer thermoplastic extrusion, the method comprising:

providing said preformed vinyl polymer thermoplastic extrusion;

filling at least one cavity in said preformed vinyl polymer thermoplastic extrusion with a support foam formed within said cavity;

curing said support foam within said at least one cavity;

heating said extrusion; and

bending said heated extrusion.